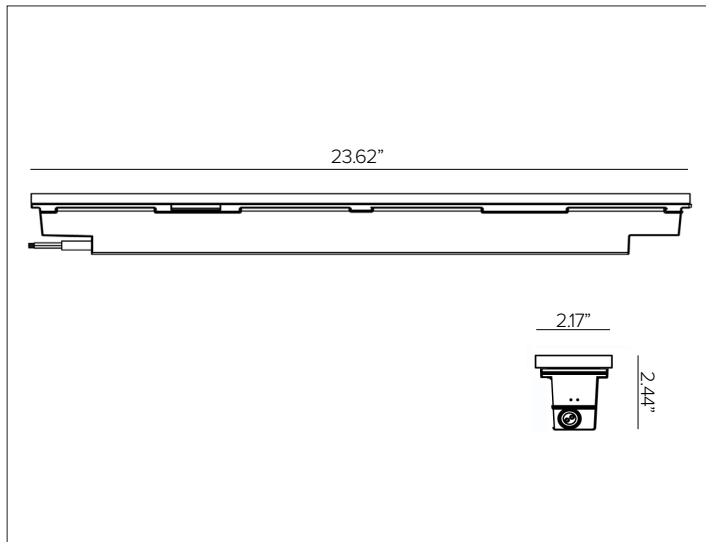# MINI MERCURE RGB

Direct View Linear Dynamic Color Changing LED Inground Luminaire

23.62"

2.17"

2.44"

CONCEPT

Direct view linear inground luminaire with dynamic color changing LEDs.

MECHANICAL CHARACTERISTICS

Housing	23.61"L x 2.44"D
Materials	Black anodized marine grade cataphoresis^A die-cast aluminum body with anti-slip white silk-screen tempered glass, sealed to the fixture body for flush recessed mounting.
Power Connection	Pre-cabled with 10' Belden direct burial 18ga 2 Conductor Cable with IP68 Quick disconnects. See inline connection configuration page for installation detail.
Mounting	Installation sleeve required for inground flush mounting, see available options.
Weight	4.0lbs
Protection	IP68^B / IP69K
Impact	IK09
Load Rating	Resistant to static loads up to 2,697lbs and dynamic loads up to 4,496lbs in flush mounted cement and pavement installations.

CERTIFICATIONS

cULus Class 2 Wet Location Listed E479873
Tested in accordance with LM-79-08
Compliant for California installations.
RoHS3 EU 215/863

WARRANTY

5 year limited warranty.
^{A} Fixture body complete with marine grade cataphoresis suitable for use in marine grade environments. Stainless steel trim will need to be maintained and cleaned regularly to avoid mineral deposits. Not to be in direct contact with salt or corrosive agents for extended periods of time.
^{B} Temporary immersion up to 24 hours at a max depth of 2 meters. Installation of fixture requires proper drainage to prevent any standing water. Should not be used for permanent submersion.

SUSTAINABILITY

Luminaire designed for disposal/recycling at end-of-life. Replaceable LED light source and control gear by a Targetti technician.

ELECTRICAL CHARACTERISTICS

Power Supply	Remote Class 2 power supply with DMX/RGBW interface required, see available options. Refer to Targetti Onsite Services for additional programing and installation support.
Wattage	9W / 3Ch
Voltage	24V DC

SOURCE

Linear LED board.

TM30	CCT (Nominal)	SDCM
	RGB	2

OPTIC

Anti-slip white silk-screen tempered glass

|	
Beam	VWFL
Delivered Lumens	RGB 82Lm
Efficacy	10Lm/W max. Refer to photometric graphs for specific values.
Lifetime	L80/B10 60,000hrs at max TA +25°C
Photobiological Classification	Low risk photobiological safety RG1

SPECIFICATION INFORMATION

MM ___ / ___ / ___ / ___ / ___ / ___

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

Ex: MMRP09RGBS / 1E2382 / DEDDX1001243CDMX

REQUIRED | OPTIONAL

1 - PRODUCT CODE	2 - DRIVER	3 - OUTPUT	4 - KELVIN	5 - CABLE	6 - INSTALLATION	7 - POWER SUPPLY	8 - CONTROLLER
MM — MINI MERCURE	**RP** — Remote Power	**09** — 9W	**RGB** — RGB	**L** — Lead **C** — Center **E** — End **S** — Solo	Insertion Sleeve *See section for details*	Power Supply *See section for details*	DMX Programmable Controller *See section for details*

9 - LEAD CABLE	10 - JUMPER CABLE	11 - INSTALLATION ACCESSORY
Additional Lead Cable *See section for details*	Additional Jumper Cable *See section for details*	Glass Suction Remover *See section for details*

5 – CABLE (REQUIRED)

24V DC Input
10ft lead cable
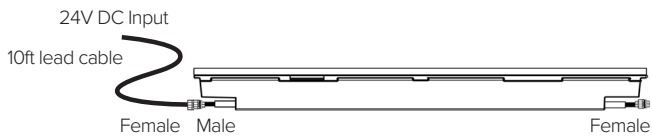
Female Male   Female

Lead – 10ft lead power cable to with male and female IP68 connectors.

Part No. **L**

Male   Female

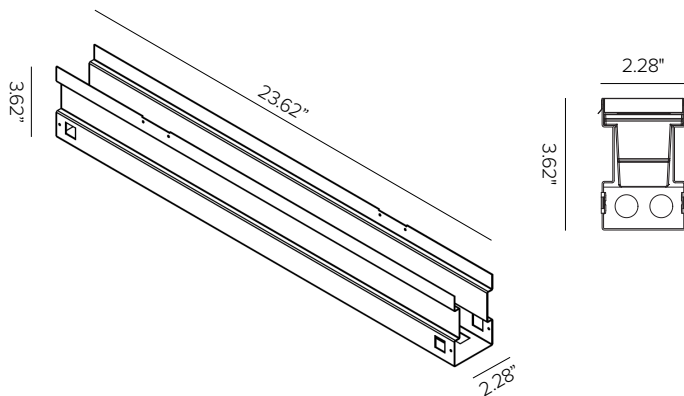Center – Male and female IP68 connectors.

Part No. **C**

Male

End – Male IP68 connector.

Part No. **E**

24V DC Input
10ft lead cable

Female Male
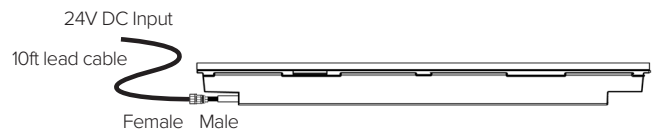
Solo – 10ft lead power cable to male IP68 connector.

Part No. **S**

6 – INSTALLATION (REQUIRED)

3.62"
23.62"
2.28"

2.28"
3.62"

MINI MERCURE aluminum installation sleeve, supplied with 2ea removable end caps. Complete with internal supports for installations in concrete, single or continuous row applications.

Part No. **1E2382**

7 - POWER SUPPLY (REQUIRED)

ENCLOSURE								
Part No.	Wattage	Control	Dim Range	Rating	In / Out Voltage	Certification	Dimensions (Enclosure)	Description
DEDDX1001243CDMX	100W	DMX	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.
DEDDX2002243CDMX	2X100W	DMX	0%	NEMA3R	120-277V / 24V	UL Class 2	12" x 12" x 4"	EldoLED LINEARdrive electronic driver.

MAX FIXTURES PER DRIVER		
	Driver Wattage	
	100W	2X100W
Fixture Wattage 9W	**8**	**8+8**

8 - CONTROL (OPTIONAL)

Part No.		Channels	Scenes	Zones	Rating	Voltage	Certification	Dimensions	Description
TGDMXSLESAU9		256	20	1	Indoor	5.5V DC	ETL, UL	5.3"W x 5.5"H x 1.9D	Nicolaudie Slesa smart DMX 1/2 universe programmable controller with easy to use software interface.
TGDMXSLESAU11		1024	5	99	Indoor	5VDC 120V AC *Plug in power supply included*	ETL	6.3" x 3.6" x 1.8"	Nicolaudie Slesa smart DMX interface, 2 DMX 512 universes, intuitive backlit keyboard programmable controller with easy to use software interface.
TGDMXSTICKDE3B		1024	10	500	Indoor	6-7V DC 120V AC *Plug in power supply included*	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. Black finish.
TGDMXSTICKDE3W		1024	10	500	Indoor	6-7V DC 120V AC *Plug in power supply included*	ETL	5.8" x 4.2" x 0.5"	Nicolaudie intelligent control keypad with glass touch sensitive graphic display, stand-alone DMX 512, 2 universe programmable controller with easy to use software interface. White finish.

9 – ADDITIONAL LEAD CONNECTION CABLE (OPTIONAL)

Additional IP68 lead cable. Direct burial fixture cable with IP68 female IP68 connector. Cable can be cut down to specific length in the field.

Length	10ft	25ft	50ft
Part No.	**MMRGBLEAD-10**	**MMRGBLEAD-25**	**MMRGBLEAD-50**

10 – JUMPER CONNECTION CABLE (OPTIONAL)

IP68 jumper connector cable. Direct burial cable for fixture to fixture connection with IP68 male and female connectors.

Length	5ft	10ft	20ft
Part No.	**MMRGBJUMP-5**	**MMRGBJUMP-10**	**MMRGBJUMP-20**

11 – INSTALLATION ACCESSORY (OPTIONAL)

Glass suction removal tool. Helpful one per 20 fixtures.
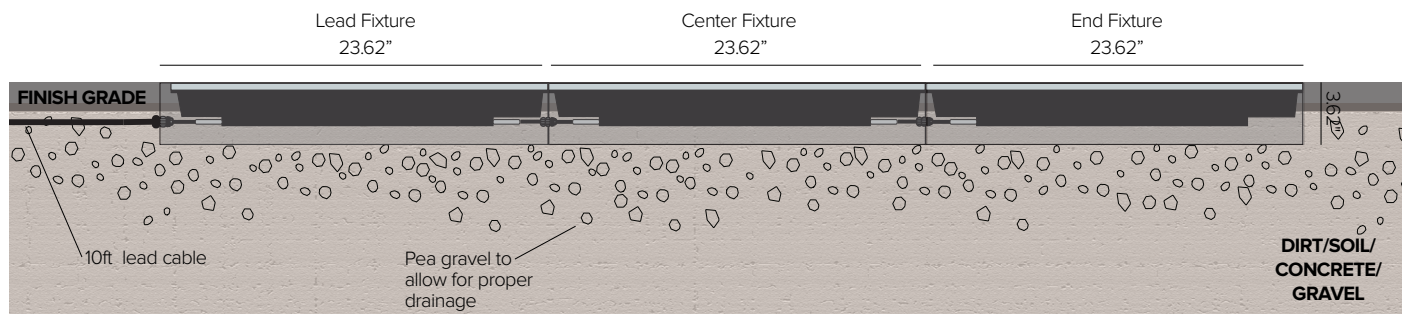
Part No.	**1E0388**

INSTALLATION DIAGRAM

SOLO MOUNTING CONFIGURATION

Solo Fixture
23.62"

FINISH GRADE

3.62"

10ft lead cable

Pea gravel to allow for proper drainage

DIRT/SOIL/ CONCRETE/ GRAVEL
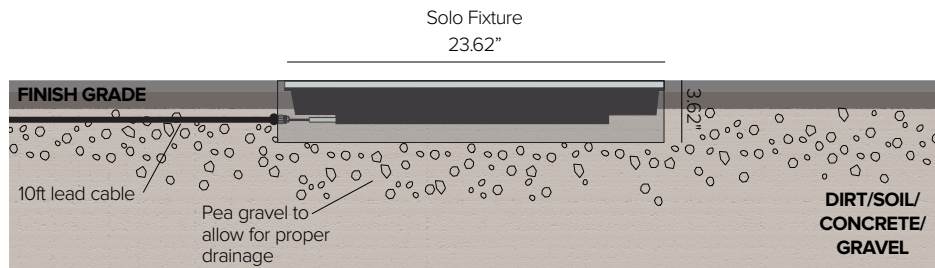
IN-LINE CONTINUOUS ROW MOUNTING CONFIGURATION

| Lead Fixture 23.62" | Center Fixture 23.62" | End Fixture 23.62" |

FINISH GRADE

3.62"

10ft lead cable

Pea gravel to allow for proper drainage

DIRT/SOIL/ CONCRETE/ GRAVEL

PHOTOMETRY

-		H(m)	D1(m)	D2(m)	Emax(lx)
-			117°	129°	
Fixture Power	9W	1	3.27	4.16	25
Source Flux	83lm	2	6.55	8.31	6
Fixture Flux	82lm	3	9.82	12.47	3
Efficacy	10lm/W	4	13.09	16.63	2
Imax	25cd	5	16.37	20.79	1

TS775   Imax=302cd/klm